

## ABSTRACT OF THE DISCLOSURE

5 An optical image scanner uses one or more reflecting surfaces to provide a light path through a lens array, where the optical path through the lens array is non-perpendicular to the surface of the image being scanned. As a result, the distance, from the surface where an image is being scanned, to the opposite outer surface of the scanner, is relatively short compared to scanners in which lens arrays are perpendicular to the image being scanned. An illumination source may be provided as part of an assembly that includes the lens array. Alternatively, the assembly may be integrated with a video display, or placed adjacent to a video display, and the video display may be used as the illumination source. The assembly may optionally monitor the intensity and color of the illumination source during scanning. The assembly may also optionally image the display.

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